

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
13321-C1

Total Pages in this Submission

34

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TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAR 08 2004

TC 1700

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**A METHOD FOR CATALYTIC CONVERSION OF CARBON MONOXIDE IN A HYDROGEN-CONTAINING GAS MIXTURE**

and invented by:

**Frank Baumann and Stefan Wieland**

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/568,814

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 16 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☐ Brief Description of the Drawings (if filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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## Application Elements (Continued)

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3. ☐ Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a. ☐ Formal Number of Sheets \_\_\_\_\_
  - b. ☐ Informal Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
  - a. ☐ Newly executed (original or copy) ☐ Unexecuted
  - b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
  - c. ☒ With Power of Attorney ☐ Without Power of Attorney
  - d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
 

☐ First Class ☒ Express Mail (Specify Label No.): EV 035749148 US

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FEB-13-2004 11:24

KALOW & SPRINGUT LLP.

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P.07/11

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
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**Accompanying Application Parts (Continued)**

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17. ☐ Additional Enclosures (please identify below):

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**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

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## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	15	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$750.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$750.00

- ☒ A check in the amount of \$750.00 to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 11-0171 as described below.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

*William D. Schmidt*  
Signature

Dated: September 23, 2003

William D. Schmidt  
Kalow & Springut LLP  
Attorney for Applicant  
Registration No.: 39,492,

cc:

**FILE COPY****PATENT****RECEIVED****MAR 08 2004****TC 1700****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Smith, Gambrell & Russell, LLP  
Suite 800  
1850 M Street, N.W.  
Washington, D.C. 20036

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**ASSOCIATE POWER OF ATTORNEY****SIR:**

The undersigned agent, being an Agent of Record for the referenced patent applications and issued patents in attached appendix A, hereby appoints David A. Kalow, Reg. No. 29,397; Milton Springut, Reg. No. 27,721; John J. Santalone, Reg. No. 32,794; J. David Ellett, Jr., Reg. No. 27,875; Gary Molnar, Reg. No. 30,299; Scott D. Looker, Reg. No. 44,877; William D. Schmidt, Reg. No. 39,492; Tor E. Smeland, Reg. No. 43,131; and Sylvia Chiou, Reg. No. 47,324, each of them c/o KALOW & SPRINGUT LLP, 488 Madison Avenue, 19th Floor, New York, NY, 10022, as Associate Attorneys with full power of substitution and revocation, to prosecute these patents and patent applications listed in attached appendix A, to make amendments and alterations therein, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please address all future communications to:

David A. Kalow  
Kalow & Springut LLP  
488 Madison Avenue, 19th Floor  
New York, NY, 10022  
(212) 813-1600  
Fax: (212) 813-9600

Date

January 25, 2004

by

Respectfully submitted,



Robert G. Wellacher  
Registration No. 20,531  
Agent for Applicant

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## Appendix A

09/852151			Honeycomb body of ceramic material with improved radial compressive strength		
09/844677			Gas distribution structures and gas diffusion electrodes for polymer electrolyte fuel cells		
09/813933			Method for the partial coating of a supporting body	03/22/01	
09/566981			Method for catalytic conversion of carbon monoxide in a gas mixture containing hydrogen, with improved cold start behavior and catalyser for same	05/09/00	
09/850410			Method for the removal of nitrogen oxides and soot particles from lean exhaust gas of a combustion engine and emission control system for same		
09/838119			Method and catalytic converter for reduction on nitrogen oxides		
09/878174			Process for manufacturing plates and expanded metal grids from refractory metals coated on one side with platinum		
60/213246			Process for manufacturing plates and expanded metal grids from refractory metals coated on one side with platinum		
09/832332			Method for checking the functional serviceability of a nitrogen oxide storage catalytic converter in various temperature ranges	04/11/01	
09/568814			Method for catalytic conversion of carbon monoxide in a gas mixture containing hydrogen	05/11/00	
09/910959			Precious metal-nanoparticle, method for its manufacture and use		
09/832301			Process for the preparation of a vanadia SCR-catalyst supported on titania	04/11/01	
09/853902			Method for autothermal, catalytic vapour-free formation of hydrocarbons	05/20/00	
09/855743			Method for operating an emission control device in a spark-ignition engine		
09/931162			Oxygen-storing material based on cerioxide, method for its manufacture and use		

SG

KALOW &amp; SPRINGUT LLP

Docket Number: 13321-C1

Applicant: **Baumann et al.**  
Serial No.: to be assigned  
Filed: 5/11/00Attorney/Agent: **K&S**

K&amp;S PATENT DEPT.

Patent No.:

ENTERED

ACTION

INITIAL

The following has been received in the United States Patent and Trademark Office on the date stamped:

**ENTERED**

- Certificate of Express Mailing, dated September 23, 2003
- Preliminary Amendment
- Utility Patent Application Transmittal Form
- Specification with Claims (16 sheets)
- Abstract (1 sheet)
- Copy of Declaration with Power of Attorney
- Copy of Assignment
- Copy of Associate Power of Attorney

22366 U.S. PTO  
10/669271

09/23/03

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Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/669,271	09/23/2003	Frank Baumann	13321-C1

KALUT & SPRINGUT LLP  
488 MADISON AVENUE , 19thj FLOOR  
NEW YORK, NY 10022

CONFIRMATION NO. 6581



\*OC000000012018382\*

Date Mailed: 03/03/2004

## NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/13/2004.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

MARCIA M ROBINSON  
OIPE (703) 308-8396

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/669,271	09/23/2003	Frank Baumann	13321-C1

Smith Gambrell & Russell, LLP  
Beveridge, DeGrandi, Weilacher & Young  
Intellectual Property Group  
1850 M Street, N.W., Suite 800  
Washington, DC 20036

CONFIRMATION NO. 6581



\*OC000000012018374\*

Date Mailed: 03/03/2004

## NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/13/2004.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

MARCIA M ROBINSON  
OIPE (703) 308-8396

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